Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048857.D
Acq On : 23 Apr 2021 10:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 12:56:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.053	152	29463	20.00	ng		# 0.00
21) Naphthalene-d8	10.885	136	114587	20.00	ng		# 0.00
39) Acenaphthene-d10	14.715	164	74314	20.00	ng		0.00
64) Phenanthrene-d10	17.471	188	174592	20.00	ng		# 0.00
76) Chrysene-d12	21.772	240	160971	20.00	ng		# 0.00
86) Perylene-d12	25.097	264	157857	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.603	112	138001	78.34	ng		0.00
7) Phenol-d6	7.218	99	197088	79.10	ng		0.00
23) Nitrobenzene-d5	9.228	82	201535	78.74	ng		0.00
42) 2,4,6-Tribromophenol	16.214	330	74819	75.09	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	427159	83.01	ng		0.00
79) Terphenyl-d14	20.086	244	715320	76.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	26973	39.08	ng		95
3) Pyridine	3.869	79	74526	41.42	ng		87
4) n-Nitrosodimethylamine	3.781	42	52313	38.08	ng		91
6) Aniline	7.377	93	108802	38.90	ng		97
8) 2-Chlorophenol	7.618	128	73558	39.36	ng		96
9) Benzaldehyde	7.189	77	63879	38.69	ng		90
10) Phenol	7.248	94	95842	39.12	ng		94
11) bis(2-Chloroethyl)ether	7.471	93	63977	38.74	ng		96
12) 1,3-Dichlorobenzene	7.941	146	84508	39.33	ng		98
13) 1,4-Dichlorobenzene	8.088	146	83006	37.91	ng		96
14) 1,2-Dichlorobenzene	8.411	146	81150	40.17	ng		96
15) Benzyl Alcohol	8.299	79	84621	38.54	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.587	45	69504	38.83	ng		96
17) 2-Methylphenol	8.505	107	64741	41.39	ng		95
18) Hexachloroethane	9.145	117	32288	37.54	ng		95
19) n-Nitroso-di-n-propyla...	8.863	70	68161	40.55	ng	#	96
20) 3+4-Methylphenols	8.834	107	87679	40.63	ng		96
22) Acetophenone	8.887	105	118309	39.67	ng	#	99
24) Nitrobenzene	9.275	77	103220	40.43	ng		94
25) Isophorone	9.798	82	179224	39.60	ng		98
26) 2-Nitrophenol	9.992	139	44710	40.46	ng		97
27) 2,4-Dimethylphenol	10.050	122	67094	39.50	ng		98
28) bis(2-Chloroethoxy)met...	10.279	93	82444	41.81	ng	#	88
29) 2,4-Dichlorophenol	10.532	162	76248	39.80	ng		95
30) 1,2,4-Trichlorobenzene	10.744	180	89406	40.25	ng		99
31) Naphthalene	10.937	128	235879	40.12	ng		97
32) Benzoic acid	10.244	122	18483m	18.57	ng		
33) 4-Chloroaniline	11.043	127	98156	40.12	ng		96
34) Hexachlorobutadiene	11.214	225	64055	38.84	ng		95
35) Caprolactam	11.836	113	25239	38.77	ng	#	79
36) 4-Chloro-3-methylphenol	12.177	107	83860	38.65	ng	#	91
37) 2-Methylnaphthalene	12.541	142	186378	39.67	ng		97
38) 1-Methylnaphthalene	12.759	142	169751	38.83	ng		100
40) 1,2,4,5-Tetrachloroben...	12.912	216	103704	42.87	ng		99
41) Hexachlorocyclopentadiene	12.882	237	39676	33.73	ng		94
43) 2,4,6-Trichlorophenol	13.153	196	64891	40.20	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.229	196	71495	41.71	ng		92
46) 1,1'-Biphenyl	13.546	154	235566	42.91	ng		100
47) 2-Chloronaphthalene	13.593	162	178796	42.64	ng		99
48) 2-Nitroaniline	13.799	65	64324	42.69	ng		99
49) Acenaphthylene	14.439	152	273200	41.76	ng		96
50) Dimethylphthalate	14.163	163	227796	40.86	ng		97
51) 2,6-Dinitrotoluene	14.286	165	54920	42.70	ng		94
52) Acenaphthene	14.780	154	175265	42.19	ng		100
53) 3-Nitroaniline	14.627	138	50494	40.90	ng		92
54) 2,4-Dinitrophenol	14.839	184	29057	40.44	ng		95
55) Dibenzofuran	15.115	168	282320	41.05	ng		99
56) 4-Nitrophenol	14.950	139	34209	37.40	ng		100
57) 2,4-Dinitrotoluene	15.080	165	78773	42.18	ng		97
58) Fluorene	15.767	166	235495	41.70	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.344	232	55565	35.03	ng		98
60) Diethylphthalate	15.526	149	232216	40.27	ng		98
61) 4-Chlorophenyl-phenyle...	15.755	204	127982	41.21	ng		97
62) 4-Nitroaniline	15.796	138	53454	40.50	ng		92
63) Azobenzene	16.049	77	237809	40.95	ng		94
65) 4,6-Dinitro-2-methylph...	15.849	198	44426	38.01	ng		89
66) n-Nitrosodiphenylamine	15.973	169	207804	42.11	ng		99
67) 4-Bromophenyl-phenylether	16.654	248	82233	40.92	ng		96
68) Hexachlorobenzene	16.778	284	83168	40.86	ng		99
69) Atrazine	16.925	200	81802	39.86	ng		99
70) Pentachlorophenol	17.124	266	38421	35.42	ng		96
71) Phenanthrene	17.518	178	371842	41.03	ng		98
72) Anthracene	17.606	178	369590	41.22	ng		99
73) Carbazole	17.882	167	349404	40.68	ng		98
74) Di-n-butylphthalate	18.423	149	391356	40.65	ng		99
75) Fluoranthene	19.533	202	447732	39.07	ng		98
77) Benzidine	19.704	184	173288	39.64	ng		98
78) Pyrene	19.892	202	439253	39.44	ng		98
80) Butylbenzylphthalate	20.767	149	171923	39.48	ng		95
81) Benzo(a)anthracene	21.754	228	425246	38.66	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	142018	37.65	ng		98
83) Chrysene	21.819	228	405844	38.73	ng		99
84) Bis(2-ethylhexyl)phtha...	21.637	149	241726	39.65	ng		98
85) Di-n-octyl phthalate	22.882	149	400184	38.56	ng		99
87) Indeno(1,2,3-cd)pyrene	28.922	276	444089	38.30	ng		98
88) Benzo(b)fluoranthene	24.040	252	438545	40.95	ng		95
89) Benzo(k)fluoranthene	24.110	252	391935	38.92	ng		98
90) Benzo(a)pyrene	24.939	252	389127	39.44	ng		96
91) Dibenzo(a,h)anthracene	28.981	278	383916	38.61	ng	#	98
92) Benzo(g,h,i)perylene	30.127	276	375238	38.22	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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